

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(adjust\$3 or fitt\$3 or adapt\$3 or performanc\$2) and (hear\$3 or devic\$2 or analyz\$3) and (primary or first or second\$3 or old or new) and ("381"/\$.ccls.) and ("364"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:01
L2	10345	(adjust\$3 or fitt\$3 or adapt\$3 or performanc\$2) and (hear\$3 or devic\$2 or analyz\$3) and (primary or first or second\$3 or old or new) and ("381"/\$.ccls.) or ("364"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:01
L3	10242	L2 and (voice\$2 or audio or signal\$2 or acoustic\$2 or transducer\$2 or microphon\$2 or speaker\$2)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:02
L4	8479	L3 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 10:38
L5	6689	L4 and (control\$4 or analyz\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:03
L6	466	L5 and (PC and computer\$1 )	US-PGPUB; USPAT	OR	ON	2006/11/29 10:04
L7	2321	L5 and (PC or computer\$1 )	US-PGPUB; USPAT	OR	ON	2006/11/29 10:05
L8	1385	L7 and (audiogram\$2 or test\$2 or sett\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:56
L9	1385	(primary or master or second\$3 or new or old or first) and L8	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 10:28
L10	61	L9 and (((old and new)or(first and second\$3)) NEAR (hear\$ or device\$2))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 10:37
L11	118	(new or first) SAME (\$3adjust\$3 or match\$3 or fitt\$3 or adapt\$3) and (381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:38
L12	93	L11 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 10:55
L13	3479	((old and new) or (first and second\$3) ) WITH (device\$1 or Hear\$3) and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:54
L14	2906	L13 and (adapt\$3 or \$3adjust\$3 or match\$3 or fitt\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:55

## EAST Search History

L15	2349	L14 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 10:55
L16	1108	L15 and (audiogram\$2 or test\$2 or sett\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 11:15

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(adjust\$3 or fitt\$3 or adapt\$3 or performanc\$2) and (hear\$3 or devic\$2 or analyz\$3) and (primary or first or second\$3 or old or new) and ("381"/\$.ccls.) and ("364"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:01
L2	10345	(adjust\$3 or fitt\$3 or adapt\$3 or performanc\$2) and (hear\$3 or devic\$2 or analyz\$3) and (primary or first or second\$3 or old or new) and ("381"/\$.ccls.) or ("364"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:01
L3	10242	L2 and (voice\$2 or audio or signal\$2 or acoustic\$2 or transducer\$2 or microphon\$2 or speaker\$2)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:02
L4	8479	L3 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 10:38
L5	6689	L4 and (control\$4 or analyz\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:03
L6	466	L5 and (PC and computer\$1 )	US-PGPUB; USPAT	OR	ON	2006/11/29 10:04
L7	2321	L5 and (PC or computer\$1 )	US-PGPUB; USPAT	OR	ON	2006/11/29 10:05
L8	1385	L7 and (audiogram\$2 or test\$2 or sett\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:56
L9	1385	(primary or master or second\$3 or new or old or first) and L8	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 10:28
L10	61	L9 and (((old and new)or(first and second\$3)) NEAR (hear\$ or device\$2))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 10:37
L11	118	(new or first) SAME (\$3adjust\$3 or match\$3 or fitt\$3 or adapt\$3) and (381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:38
L12	93	L11 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 10:55
L13	3479	((old and new) or (first and second\$3) ) WITH (device\$1 or Hear\$3) and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:54
L14	2906	L13 and (adapt\$3 or \$3adjust\$3 or match\$3 or fitt\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 10:55

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L15	2349	L14 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 10:55
L16	1108	L15 and (audiogram\$2 or test\$2 or sett\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 11:15

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	183	(381/314.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 06:18
L2	8	(381/314.ccls.)and (381/60.ccls.) and (fitt\$3 and performanc\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 06:28
L3	231	(381/314.ccls.) or (381/60.ccls.) and (fitt\$3 and performanc\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 06:28
L4	189	L3 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 07:15
L5	109	((primary or master or secondary or new or old) SAME (hear\$3 or device\$1 ))and L4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 06:33
L6	168	((primary or master or second\$3 or new or old) SAME (hear\$3 or device\$1 ))and L4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 06:33
L7	180	(primary or master or second\$3 or new or old) and L4	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 07:15

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L8	44	(US-20020176584-\$ or US-20040028250-\$ or US-20040141621-\$ or US-20040136541-\$ or US-20040066944-\$ or US-20040204921-\$ or US-20040125966-\$ or US-20040190738-\$ or US-20040234089-\$ or US-20050111680-\$ or US-20030161482-\$ or US-20040213424-\$ or US-20020191800-\$ or US-20050013445-\$ or US-20040073134-\$ or US-20030083591-\$ or US-20040013280-\$ or US-20030215105-\$ or US-20020015506-\$ or US-20030235319-\$ or US-20030179896-\$ or US-20030012391-\$).did. or (US-5703797-\$ or US-7058182-\$ or US-6118877-\$ or US-7068793-\$ or US-7024000-\$ or US-6980662-\$ or US-6954535-\$ or US-6094489-\$ or US-6366863-\$ or US-6327366-\$ or US-5386475-\$ or US-5029217-\$ or US-6047074-\$ or US-6134329-\$ or US-6694034-\$ or US-7106870-\$ or US-7062056-\$ or US-6647345-\$ or US-6556686-\$ or US-5870481-\$ or US-7072480-\$ or US-6128392-\$). did.	US-PGPUB; USPAT	OR	ON	2006/11/29 06:59
L9	166	L8 or L7 and (old or new or second\$3 or first or primary) and (adjust\$3 or fitt\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 07:02
L10	107	L9 and (audiogram\$2 or test\$2)	US-PGPUB; USPAT	OR	ON	2006/11/29 07:10
L11	49802	analyz\$4 and (adjust\$3 or fitt\$3) and (hear\$3)	US-PGPUB; USPAT	OR	ON	2006/11/29 07:12
L12	5827	L11 and (("381"/\$.ccls.) or ("600"/\$.ccls.))	US-PGPUB; USPAT	OR	ON	2006/11/29 07:13
L13	4620	L12 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 07:15
L14	4563	(primary or master or second\$3 or new or old) and L13	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 07:17

## EAST Search History

L15	561	(old or first or second) adj3 (match\$3 or fitt\$3 or adapt\$3 or adjust\$3) and L14	US-PGPUB; USPAT	OR	ON	2006/11/29 07:19
L16	102	(old or first or second) adj1 (match\$3 or fitt\$3 or adapt\$3 or adjust\$3) and L14	US-PGPUB; USPAT	OR	ON	2006/11/29 07:27
L17	4	Kuhnel-volker\$.in.	US-PGPUB; USPAT	OR	ON	2006/11/29 07:32
S1	0	"2005123145"	US-PGPUB; USPAT	OR	ON	2006/11/28 09:42
S2	1	"20050123145"	US-PGPUB; USPAT	OR	ON	2006/11/28 09:42
S3	1	US-5703797-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 10:02
S4	2	"20020176584"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 10:02
S5	2	("6118877"   "6134329").PN. OR ("7058182").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 11:20
S6	1580	((381/58.ccls.) or (381/60.ccls.) or ("381"/\$.ccls.)) and (hearing adj3 (aid\$2 or device\$2)) and (\$3adjust\$4)	US-PGPUB; USPAT	OR	ON	2006/11/28 11:25
S7	1250	S6 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/28 11:32
S8	763	S7 and (simulat\$3 or test\$3 or measur\$5)	US-PGPUB; USPAT	OR	ON	2006/11/28 11:31
S9	0	(381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/28 11:31
S10	198	(381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/28 11:31
S11	147	S10 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/29 06:29
S12	116	S11 and (\$3adjust\$4)	US-PGPUB; USPAT	OR	ON	2006/11/28 11:36
S13	25	S10 and ((first and second) adj3 (hear\$3 ))	US-PGPUB; USPAT	OR	ON	2006/11/28 12:31
S14	0	("2006/0098831").URPN.	USPAT	OR	ON	2006/11/28 12:33
S15	0	("2005/0123145").URPN.	USPAT	OR	ON	2006/11/28 12:55
S16	0	("2005/0117764").URPN.	USPAT	OR	ON	2006/11/28 12:56
S17	4	("5838801"   "5852668"   "5892836").PN. OR ("6094489"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 13:01

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S18	13	("4419544").PN. OR ("5838801").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 13:06
S19	0	("2004/0208330").URPN.	USPAT	OR	ON	2006/11/28 13:10
S20	18	S11 and ((first and second) adj3 (hear\$3 or device\$2))	US-PGPUB; USPAT	OR	ON	2006/11/28 13:12
S21	23	("3922506"   "4065647"   "4471171"   "4759070"   "4809708"   "4868880"   "4870688"   "4879749"   "4901353"   "4953112"   "4992966"   "5029217").PN. OR ("5386475").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 13:19
S22	38	("3894195"   "4099035"   "4419544"   "4536844"   "4630302"   "4658426").PN. OR ("5029217").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/28 14:31
S23	116	S11 and (\$4adjust\$4)	US-PGPUB; USPAT	OR	ON	2006/11/28 14:49
S24	268	(\$4adjust\$4) and ((prior or before)adj3(hearing adj3 (aid or device\$2)))	US-PGPUB; USPAT	OR	ON	2006/11/28 15:18
S25	198	(381/60.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:20
S26	198	(381/60.ccls.)or ("381"/.58.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:21
S27	611	(381/60.ccls.)or ("381"/58.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:21
S28	394	S27 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/28 15:48
S29	273	S28 and (\$3adjust\$4 or fitt\$2)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:34
S30	223	S29 and (first and second)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:40
S31	22	S30 and(second adj3 hear\$3)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:47
S32	1473	("381"/\$.ccls.) and (control\$4 and analyz\$3)	US-PGPUB; USPAT	OR	ON	2006/11/28 15:48
S33	1177	S32 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/28 16:47
S34	1063	S33 and (second\$2)	US-PGPUB; USPAT	OR	ON	2006/11/28 16:13
S35	772	S34 and (\$3adjust\$4)	US-PGPUB; USPAT	OR	ON	2006/11/28 16:14
S36	173	S35 and (hear\$3 adj3 (device or aid))	US-PGPUB; USPAT	OR	ON	2006/11/28 16:14



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S37	1066	S33 and (second\$4)	US-PGPUB; USPAT	OR	ON	2006/11/28 16:13
S38	775	S37 and (\$3adjust\$4)	US-PGPUB; USPAT	OR	ON	2006/11/28 16:14
S39	174	S38 and (hear\$3 adj3 (device or aid))	US-PGPUB; USPAT	OR	ON	2006/11/28 16:45
S40	182	((two or primary or master or first or secondary) SAME (hear\$3 or device\$1 ))and (381/60.ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/28 17:36
S41	133	S40 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/28 17:37
S42	48	((primary or master or secondary) SAME (hear\$3 or device\$1 ))and (381/60.ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/29 06:32
S43	33	(US-20020176584-\$ or US-20040028250-\$ or US-20040141621-\$ or US-20040136541-\$ or US-20040066944-\$ or US-20040204921-\$ or US-20040125966-\$ or US-20040190738-\$ or US-20040234089-\$ or US-20050111680-\$ or US-20030161482-\$ or US-20040213424-\$ or US-20020191800-\$).did. or (US-5703797-\$ or US-7058182-\$ or US-6118877-\$ or US-7068793-\$ or US-7024000-\$ or US-6980662-\$ or US-6954535-\$ or US-6094489-\$ or US-6366863-\$ or US-6327366-\$ or US-5386475-\$ or US-5029217-\$ or US-6047074-\$ or US-6134329-\$ or US-6694034-\$ or US-7106870-\$ or US-7062056-\$ or US-6647345-\$ or US-6556686-\$ or US-5870481-\$). did.	US-PGPUB; USPAT	OR	ON	2006/11/28 17:30
S44	13	((primary or master or secondary) SAME (hear\$3 or device\$1 ))and S43	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/28 17:35
S45	328	((two or primary or master or first or secondary) SAME (hear\$3 or device\$1 ))and (600/559.ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/28 17:37
S46	265	S45 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/28.17:47

## EAST Search History

S47	183	(381/314.ccls.)	US-PGPUB; USPAT	OR	ON	2006/11/29 06:28
S48	153	S47 and @ad<"20031209"	US-PGPUB; USPAT	OR	ON	2006/11/28 17:47
S49	82	((primary or master or secondary or old or new) SAME (hear\$3 or device\$1 ))and S48	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/11/28 17:48